

Clouds and the Earth's Radiant Energy System

(CERES)

Data Management System

CERES Library (CERESlib)

Release 2 Test Plan

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June 1997

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1.0 Introduction

The Clouds and the Earth's Radiant Energy System (CERES) is a key component of the Earth Observing System (EOS). The CERES instruments are improved models of the Earth Radiation Budget Experiment (ERBE) scanner instruments, which operated from 1984 through 1990 on the National Aeronautics and Space Administration's (NASA) Earth Radiation Budget Satellite (ERBS) and on the National Oceanic and Atmospheric Administration's (NOAA) operational weather satellites NOAA-9 and NOAA-10. The strategy of flying instruments on Sun-synchronous, polar orbiting satellites, such as NOAA-9 and NOAA-10, simultaneously with instruments on satellites that have precessing orbits in lower inclinations, such as ERBS, was successfully developed in ERBE to reduce time sampling errors. CERES will continue that strategy by flying instruments on the polar orbiting EOS platforms simultaneously with an instrument on the Tropical Rainfall Measuring Mission (TRMM) spacecraft, which has an orbital inclination of 35 degrees. In addition, to reduce the uncertainty in data interpretation, and to improve the consistency between the cloud parameters and the radiation fields, CERES will include cloud imager data and other atmospheric parameters. The first CERES instrument is scheduled to be launched on the TRMM spacecraft in 1997. Additional CERES instruments will fly on the EOS Morning Crossing Mission (EOS-AM) platforms, the first of which is scheduled for launch in 1998, and on the EOS Afternoon Crossing Mission (EOS-PM) platforms, the first of which is scheduled for launch in 2000.

1.1 Document Overview

This document, [CERES Library Release 2 Test Plan](#), is part of the CERES Library Release 2 delivery package provided to the Langley Distributed Active Archive Center (DAAC). It provides procedures for installing and testing the CERES Library software. Directory Structure Diagrams are contained in Appendix A and a listing of all the delivered library files is contained in Appendix B. This document is organized as follows:

[Section 1.0 - Introduction](#)

[Section 2.0 - Test Environment](#)

[Section 3.0 - Software Installation Procedures](#)

[Section 4.0 - CERESlib Test Suite Testing Procedures](#)

[Appendix A - Acronyms and Abbreviations](#)

[Appendix B - Directory Structure Diagrams](#)

[Appendix C - File Descriptions](#)

1.2 CERES Library Overview

1.2.1 Archive Library Files: `cereslib.a` and `data_products.a`

The CERES library (CERESlib) is a collection of routines used by multiple subsystems. For implementation purposes, CERESlib is divided into two different archive library files: `cereslib.a` and `data_products.a`. The `data_products.a` archive file contains modules related to CERES data products. All other library modules and routines are located within the `cereslib.a` archive file.

1.2.2 Two F90 Compiler Versions

For the initial release 2 version of CERESlib, two separate compiler versions of the library are being sent to the DAAC. The first, located in the \$CERESHOME/lib directory, is the NAG Fortran 90 version. The second, located in the \$CERESHOME/lib/sgi_lib directory, is the SGI F90 (V7.1) version. Some subsystems are using the SGI compiler because it is significantly faster than the NAG compiler. However, the SGI compiler is also much less mature and is unable to compile other subsystems. When the SGI F90 (V7.2) compiler is ready, it is hoped that this compiler will be sufficiently fast and mature enough to handle all the F90 duties. At that time, CERESlib will revert to a single version located in the \$CERESHOME/lib directory.

2.0 Test Environment

This section describes the environment required for the CERESlib software installation and testing. This includes: (1) the ECS Toolkit interface, (2) the CERESlib directory structure, (3) the DAAC CERESENV environment variable, and (3) a list of necessary CERES environmental variables.

2.1 External Interface

The CERESlib Release 2 software has been tested successfully with the ECS Toolkit, version 5.1.1. If a different version of the Toolkit is used at the DAAC, it is possible that errors will be reported during the CERESlib test suite testing.

2.2 Directory Structure and File Descriptions

The CERESlib Release 2 delivery package will contain the compressed tar file, CERESlib_R2.tar.Z. The directory structure of the untarred files is shown in [Appendix A](#). A listing of the files is given in [Appendix B](#).

2.3 CERESENV

The DAAC is expected to have the environment variable **CERESENV** defined to point to a start-up file. This start-up file, when sourced, will define environment variables needed by the CERES library and subsystems during compilation and execution. The start-up file for the NAG version of CERESlib will be different from the start-up file for the SGI version of CERESlib.

Validation versions of the start-up file, both named **ceres-env.csh**, can be found in the \$CERESHOME/lib/ and the \$CERESHOME/lib/sgi_lib/ directories for the NAG and SGI versions of CERESlib respectively.

2.4 Necessary Environment Variables

Here are the environment variables which the CERES software expects to find.

CERESHOME	- Top directory for CERES software
CERESLIB	- Top directory for CERESlib software (this location will be different for the different CERESlib versions)
PGSDAT	- Toolkit database directory. (This variable is set by the Toolkit pgs-dev-env.csh script.)
PGSLIB	- Directory containing the PGSTK Toolkit library
PGSBIN	- Directory location of Toolkit scripts (e.g. smfcompile)
F90	- Pointer to the F90 compiler
F90COMP	- Pointer to the Fortran 90 compilation flags
F90LOAD	- Pointer to the Fortran 90 load flags

CC	- Pointer to the C compiler
CFLAGS	- Pointer to the C compiler compilation flags
PGSINC	- Directory for Toolkit and CERES Message Include Files
PGSMSG	- Directory for Toolkit and CERES Message Files
ADD_LFLAGS	- A DAAC required environment variable
ADD_LIBS	- A DAAC required environment variable

3.0 Software Installation Procedures

This section describes the CERESlib installation and compilation procedures. (See [Section 2.3](#) for an explanation of the CERESENV environment variable.)

3.1 Installation

Follow the steps below to install the CERESlib software.

1. **source \$CERESENV (either the NAG or SGI version)**
2. **mv (or cp) CERESlib_R2.tar.Z \$CERESHOME**
3. **cd \$CERESHOME**
4. **uncompress CERESlib_R2.tar.Z**
5. **tar xf CERESlib_R2.tar**

3.2 Compilation

Complete the following steps to compile the CERESlib source code.

Create the message and message include files

1. **source \$CERESENV (the NAG version)**
2. **cd \$CERESLIB/smf**
3. **\$CERESLIB/bin/smfcompile_all.csh**
Compile the NAG F90 CERESlib version
4. **cd \$CERESLIB/src**
5. **makeall**
Compile the SGI (V7.1) CERESlib version
6. **source \$CERESENV (the SGI version)**
7. **cd \$CERESLIB/src**
8. **makeall**

Notes:

- When moving from one version of CERESlib to the other, do not simply change directory locations, but be sure that the appropriate start-up script has been sourced. Failure to do so will cause errors to occur.
- The smfcompile_all.csh script and both makeall scripts will report at the end whether all the operations performed were successful. If problems are encountered, contact one of the CERESlib analysts before proceeding further.

- DAAC personnel may have an alternate procedure for compiling the message files. Any alternate procedure should copy all *message include files* to the \$PGSINC directory and all *message files* to the \$PGSMSG directory.
- Because the compiled message and include files go to the \$PGSMSG and \$PGSINC directories respectively, and because the CERES subsystems will look for these files in these directories and not in the \$CERESLIB subdirectories, it is only necessary that the message files be compiled for one of the CERESlib versions.

4.0 CERESlib Test Suite Testing Procedures

This section provides instructions for compiling and executing the CERESlib test suite. (See [Section 2.3](#) for an explanation of the CERESENV environment variable.)

4.1 Compiling and Executing the NAG CERESlib Test Suite

Compile the NAG F90 CERESlib test suite.

1. **source \$CERESENV (the NAG version)**
 2. **cd \$CERESLIB/test_suites**
 3. **makeall**
- If the makeall script reports SUCCESS, then proceed with the testing.
4. **runttest**

The runtest script will print a warning message to the screen and pause processing for each problem discovered during execution. If no problems are encountered, then the script will complete without interruption until the end. If problems are encountered, then contact one of the CERESlib analysts.

4.2 Compiling and Executing the SGI (V7.1) CERESlib Test Suite

Compile SGI (V7.1) F90 CERESlib test suite.

1. **source \$CERESENV (the SGI version)**
 2. **cd \$CERESLIB/test_suites**
 3. **makeall**
- If the makeall script reports SUCCESS, then proceed with the testing.
4. **runttest**

The runtest script will print a warning message to the screen and pause processing for each problem discovered during execution. If no problems are encountered, then the script will complete without interruption until the end. If problems are encountered, contact one of the CERESlib analysts.

APPENDIX A
Acronyms and Abbreviations

Appendix A

Acronyms and Abbreviations

ASCII	American Standard Code Information Interchange
CERES	Clouds and the Earth's Radiant Energy System
CERESlib	CERES library
DAAC	Distributed Active Archive Center
ECS	EOSDIS Core System
EOS	Earth Observing System
EOS-AM	EOS Morning Crossing Mission
EOS-PM	EOS Afternoon Crossing Mission
ERBE	Earth Radiation Budget Experiment
ERBS	Earth Radiation Budget Satellite
F90	Fortran 90
HDF	Hierarchical Data Format
NAG	Numerical Algorithms Group
NASA	National Aeronautics and Space Administration
NOAA	National Oceanic and Atmospheric Administration
	Fluxes
SGI	Silicon Graphics Incorporated
TRMM	Tropical Rainfall Measuring Mission

APPENDIX B
Directory Structure Diagrams

Appendix B

Directory Structure Diagrams

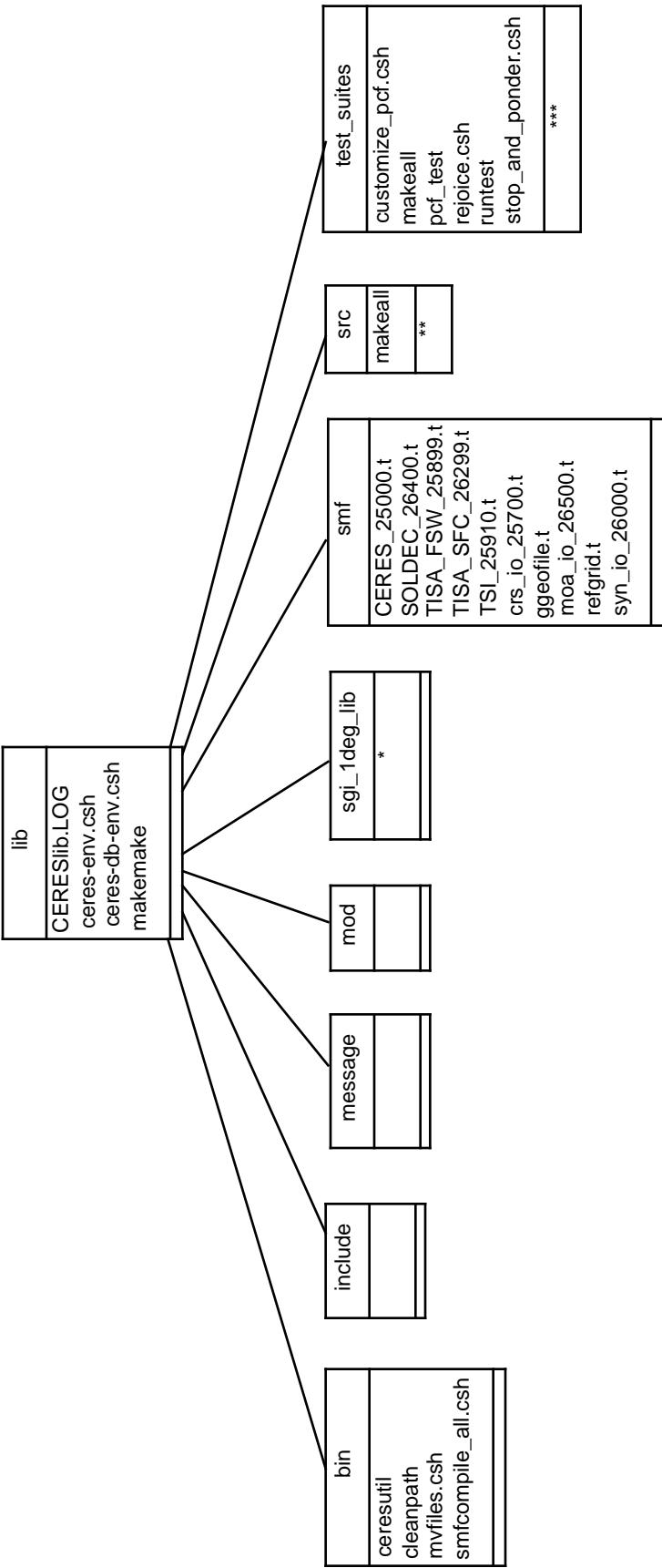


Figure B-1. CERES Library Directory Structure

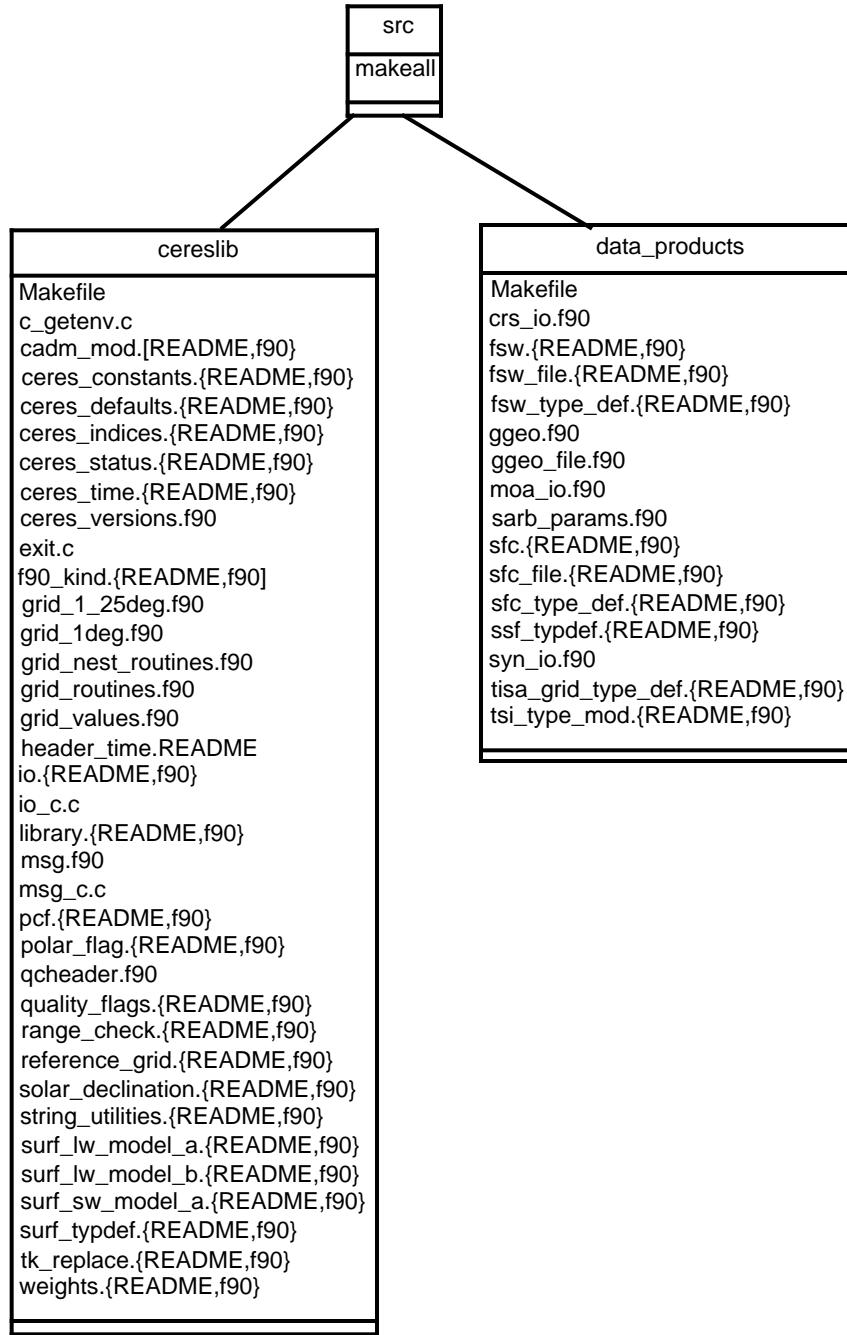


Figure B-2. The CERESlib src Subdirectory

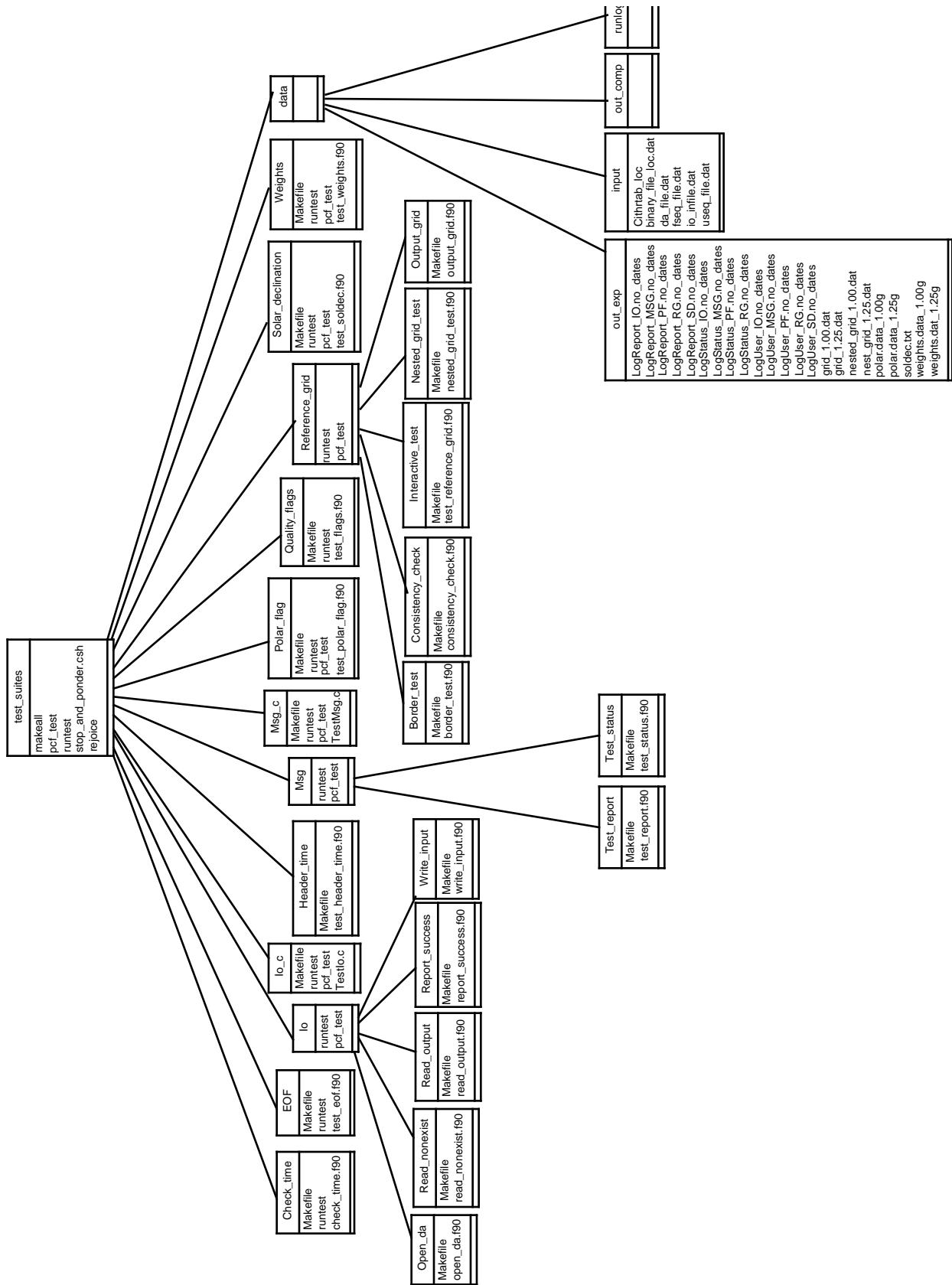


Figure B-3. The CERESlib test_suites Subdirectory

APPENDIX C

File Descriptions

Appendix C File Descriptions

Note that every file found in the /lib directory or in one of its subdirectories can also be found in the corresponding location under the /lib/sgi_lib directory.

C.1 CERESlib Top Directory

Table C-1. /lib/bin subdirectory

File Name	Format	Description
ceresutil	ASCII	Script for checking PCF and message files
cleanpath	ASCII	Script for cleaning the \$path environment variable
mvfiles.csh	ASCII	Script for moving Toolkit and CERESlib message and include files to the \$PGMSG and \$PGSINC directories
smfcompile_all.csh	ASCII	Script which compiles the message text files and moves the created message and include files to the \$PGMSG and \$PGSINC directories

C.2 CERESlib bin Subdirectory

Table C-2. /lib/bin subdirectory

File Name	Byte Size	Description
ceresutil	1617	Script for checking PCF and message files
cleanpath	261	Script for cleaning the \$path environment variable
mvfiles.csh	836	Script for moving Toolkit and CERESlib message and include files to the \$PGMSG and \$PGSINC directories
smfcompile_all.csh	1006	Script which compiles the message text files and moves the created message and include files to the \$PGMSG and \$PGSINC directories

C.3 CERESlib Message Text Files

Table C-3. /lib/smf subdirectory

File Name	Format	Description
CERES_25000.t	ASCII	Message text file for CERESlib Toolkit wrappers
TISA_SFC_26299.t	ASCII	Message text file for SFC modules in CERESlib
ggeofile.t	ASCII	Message text file for GGEO modules in CERESlib
syn_io_26000.t	ASCII	Message text file for GGEO modules in CERESlib
SOLDEC_26400.t	ASCII	Message text file for GGEO modules in CERESlib
TSI_25910.t	ASCII	Message text file for GGEO modules in CERESlib
moa_io_26500.t	ASCII	Message text file for GGEO modules in CERESlib
TISA_FSW_25899.t	ASCII	Message text file for GGEO modules in CERESlib
crs_io_25700.t	ASCII	Message text file for GGEO modules in CERESlib
refgrid.t	ASCII	Message text file for GGEO modules in CERESlib

C.4 CERESlib Top Source Directory

Table C-4. /lib/src subdirectory

File Name	Format	Description
makeall	ASCII	Script for compiling all CERESlib source code

C.5 CERESlib cereslib.a Source Code and Makefile

Table C-5. /lib/src/cereslib subdirectory (1 of 2)

File Name	Format	Description
Makefile	ASCII	Makefile for creating cereslib.a library file
grid_1deg.f90	ASCII	CERESlib source code
range_check.f90	ASCII	CERESlib source code
c_getenv.c	ASCII	CERESlib source code
grid_nest_routines.f90	ASCII	CERESlib source code
reference_grid README	ASCII	Source code README file
cadm_mod README	ASCII	Source code README file
grid_routines.f90	ASCII	CERESlib source code
reference_grid.f90	ASCII	CERESlib source code
cadm_mod.f90	ASCII	CERESlib source code
grid_values.f90	ASCII	CERESlib source code
solar_declination README	ASCII	Source code README file
ceres_constants README	ASCII	Source code README file
io README	ASCII	Source code README file
solar_declination.f90	ASCII	CERESlib source code
ceres_constants.f90	ASCII	CERESlib source code
io.f90	ASCII	CERESlib source code
string_utilities README	ASCII	Source code README file
ceres_defaults README	ASCII	Source code README file
io_c.c	ASCII	CERESlib source code
string_utilities.f90	ASCII	CERESlib source code
ceres_defaults.f90	ASCII	CERESlib source code
library README	ASCII	Source code README file
surf_lw_model_a README	ASCII	Source code README file
ceres_indices README	ASCII	Source code README file
library.f90	ASCII	CERESlib source code
surf_lw_model_a.f90	ASCII	CERESlib source code
ceres_indices.f90	ASCII	CERESlib source code

Table C-5. /lib/src/cereslib subdirectory (2 of 2)

File Name	Format	Description
msg.f90	ASCII	CERESlib source code
surf_lw_model_b README	ASCII	Source code README file
ceres_status README	ASCII	Source code README file
msg_c.c	ASCII	CERESlib source code
surf_lw_model_b.f90	ASCII	CERESlib source code
ceres_status.f90	ASCII	CERESlib source code
pcf README	ASCII	Source code README file
surf_sw_model_a README	ASCII	Source code README file
ceres_time README	ASCII	Source code README file
pcf.f90	ASCII	CERESlib source code
surf_sw_model_a.f90	ASCII	CERESlib source code
ceres_time.f90	ASCII	CERESlib source code
polar_flag README	ASCII	Source code README file
surf_typdef README	ASCII	Source code README file
ceres_versions.f90	ASCII	CERESlib source code
polar_flag.f90	ASCII	CERESlib source code
surf_typdef.f90	ASCII	CERESlib source code
exit.c	ASCII	CERESlib source code
qheader.f90	ASCII	CERESlib source code
tk_replace README	ASCII	Source code README file
f90_kind README	ASCII	Source code README file
quality_flags README	ASCII	Source code README file
tk_replace.f90	ASCII	CERESlib source code
f90_kind.f90	ASCII	CERESlib source code
quality_flags.f90	ASCII	CERESlib source code
weights README	ASCII	Source code README file
grid_1_25deg.f90	ASCII	CERESlib source code
range_check README	ASCII	Source code README file
weights.f90	ASCII	CERESlib source code

C.6 CERESlib data_products.a Source Code and Makefile

Table C-6. /lib/src/data_products subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile for creating data_products.a library file
sfc.f90	ASCII	CERESlib source code
crs_io.f90	ASCII	CERESlib source code
sfc_file README	ASCII	Source code README file
fsw README	ASCII	Source code README file
sfc_file.f90	ASCII	CERESlib source code
fsw.f90	ASCII	CERESlib source code
sfc_type_def README	ASCII	Source code README file
fsw_file README	ASCII	Source code README file
sfc_type_def.f90	ASCII	CERESlib source code
fsw_file.f90	ASCII	CERESlib source code
ssf_typdef README	ASCII	Source code README file
fsw_type_def README	ASCII	Source code README file
ssf_typdef.f90	ASCII	CERESlib source code
fsw_type_def.f90	ASCII	CERESlib source code
syn_io.f90	ASCII	CERESlib source code
ggeo.f90	ASCII	CERESlib source code
tisa_grid_type_def README	ASCII	Source code README file
ggeo_file.f90	ASCII	CERESlib source code
tisa_grid_type_def.f90	ASCII	CERESlib source code
moa_io.f90	ASCII	CERESlib source code
tsi_type_mod README	ASCII	Source code README file
sarb_params.f90	ASCII	CERESlib source code
tsi_type_mod.f90	ASCII	CERESlib source code
sfc README	ASCII	Source code README file

C.7 CERESlib Test Suite: Test Programs, Makefiles, PCFs, and Run Scripts

Table C-7. /lib/test_suites subdirectory

File Name	Format	Description
makeall	ASCII	Script for compiling all CERESlib test programs
pcf_test	ASCII	PCF for CERESlib test programs
rejoice.csh	ASCII	Script which prints SUCCESS message to screen
runttest	ASCII	Script which runs all CERESlib test programs
stop_and_ponder.csh	ASCII	Script which prints PROBLEM message to screen and pauses processing
customize_pcf.csh	ASCII	Script which customizes a PCF according to the PGSDB environment variable

Table C-8. /lib/test_suites/Io subdirectory

File Name	Format	Description
runttest	ASCII	Script which runs Io test suite
pcf_test	ASCII	PCF for Io test suite

Table C-9. /lib/test_suites/Io/Read_nonexit subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile read_noexist test program
read_nonexist.f90	ASCII	Test program source code

Table C-10. /lib/test_suites/Io/Open_da subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile open_da test program
open_da.f90	ASCII	Test program source code

Table C-11. /lib/test_suites/Io/Read_output subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile for read_output test program
read_output.f90	ASCII	Test program source code

Table C-12. /lib/test_suites/Io/Report_success subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile report_success test program
report_success.f90	ASCII	Test program source code

Table C-13. /lib/test_suites/Io/Write_input subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compiler write_input test program
write_input.f90	ASCII	Test program source code

Table C-14. /lib/test_suites/EOF subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile test_eof test program
runtest	ASCII	Script which runs test_eof test program
test_eof.f90	ASCII	Test program source code

Table C-15. /lib/test_suites/Msg subdirectory

File Name	Format	Description
pcf_test	ASCII	PCF for Msg test suite
runtest	ASCII	Script which runs Msg test suites

Table C-16. /lib/test_suites/Msg/Test_report subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile test_report test program
test_report.f90	ASCII	Test program source code

Table C-17. /lib/test_suites/Msg/Test_status subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile test_status test program
test_status.f90	ASCII	Test program source code

Table C-18. /lib/test_suites/Quality_flags subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile test_flags test program
runtest	ASCII	Script which runs test_flags test program
test_flags.f90	ASCII	Test program source code

Table C-19. /lib/test_suites/Io_c subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile Testlo test program
Testlo.c	ASCII	Test program source code
pcf_test	ASCII	PCF for Io_c test program
runttest	ASCII	Script which runs Testlo test program

Table C-20. /lib/test_suites/Reference_grid subdirectory

File Name	Format	Description
runttest	ASCII	Script which runs reference_grid test suites
pcf_test	ASCII	PCF for reference_grid test suite

Table C-21. /lib/test_suites/Reference_grid/Output_grid subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile output_grid test program
output_grid.f90	ASCII	Test program source code

Table C-22. /lib/test_suites/Reference_grid/Border_test subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile border_test test program
border_test.f90	ASCII	Test program source code

Table C-23. /lib/test_suites/Reference_grid/Consistency_test subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile consistency_check test program
consistency_check.f90	ASCII	Test program source code

Table C-24. /lib/test_suites/Reference_grid/Nested_grid_test subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile nested_grid_test test program
nested_grid_test.f90	ASCII	Test program source code

Table C-25. /lib/test_suites/Reference_grid/Interactive_test subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile test_reference_grid test program
test_reference_grid.f90	ASCII	Test program source code

Table C-26. /lib/test_suites/Check_time subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile for check_time test program
check_time.f90	ASCII	Test program source code
runtest	ASCII	Script which runs check_time test program

Table C-27. /lib/test_suites/Header_time subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile test_header_time test program
test_header_time.f90	ASCII	Test program source code

Table C-28. /lib/test_suites/Polar_flag subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile test_polar_flag test program
runtest	ASCII	Script which runs test_polar_flag test program
pcf_test	ASCII	PCF for polar_flag test program
test_polar_flag.f90	ASCII	Test program source code

Table C-29. /lib/test_suites/Weights subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile test_weights test program
pcf_test	ASCII	PCF for test_weights test program
runtest	ASCII	Script which runs test_weights test program
test_weights.f90	ASCII	Test program source code

Table C-30. /lib/test_suites/Msg_c subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile TestMsg test program
TestMsg.c	ASCII	Test program source code
pcf_test	ASCII	PCF for TestMsg test program
runtest	ASCII	Script which runs TestMsg test program

Table C-31. /lib/test_suites/Solar_declination subdirectory

File Name	Format	Description
Makefile	ASCII	Makefile to compile test_soldec test program
pcf_test	ASCII	PCF for test_soldec test program
runtest	ASCII	Script which runs test_soldec test program
test_soldec.f90	ASCII	Test program source code

C.8 CERESlib Test Suite: Expected Output

Table C-32. /lib/test_suites/data/out_exp subdirectory (1 of 2)

File Name	Format	Description
LogReport_IO.no_dates	ASCII	Expected LogReport output from Io test suite
LogStatus_IO.no_dates	ASCII	Expected LogStatus output from Io test suite
LogUser_IO.no_dates	ASCII	Expected LogUser output from Io test suite
LogReport_MSG.no_dates	ASCII	Expected LogReport output from Msg test suite
LogStatus_MSG.no_dates	ASCII	Expected LogStatus output from Msg test suite
LogUser_MSG.no_dates	ASCII	Expected LogUser output from Msg test suite
LogReport_PF.no_dates	ASCII	Expected LogReport output from Polar_flag test program
LogStatus_PF.no_dates	ASCII	Expected LogStatus output from Polar_flag test program
LogUser_PF.no_dates	ASCII	Expected LogUser output from Polar_flag test program
LogReport_RG.no_dates	ASCII	Expected LogReport output from reference_grid test suite
LogStatus_RG.no_dates	ASCII	Expected LogStatus output from reference_grid test suite
LogUser_RG.no_dates	ASCII	Expected LogUser output from reference_grid test suite
LogReport_SD.no_dates	ASCII	Expected LogReport output from solar declination test program
LogStatus_SD.no_dates	ASCII	Expected LogStatus output from solar declination test program ASCII

Table C-32. /lib/test_suites/data/out_exp subdirectory (2 of 2)

File Name	Format	Description
LogUser_SD.no_dates	ASCII	Expected LogUser output from solar declination test program
grid_1.00.dat	ASCII	Expected 1 deg grid output from output_grid test program
grid_1.25.dat	ASCII	Expected 1.25 deg grid output from output_grid test program
nested_grid_1.00.dat	ASCII	Expected 1 deg nested grid output from output_grid test program
nested_grid_1.25.dat	ASCII	Expected 1.25 deg nested grid output from output_grid test program
polar.data_1.00g	ASCII	Expected 1 deg grid output from polar_flags test program
polar.data_1.25g	ASCII	Expected 1.25 deg grid output from polar_flags test program
soldec.txt	ASCII	Expected output from solar_declination test program
weights.dat_1.00g	ASCII	Expected 1 deg grid output from test_weights test program
weights.dat_1.25g	ASCII	Expected 1.25 deg grid output from test_weights test program

C.9 CERESlib Test Suite: Input Data

Table C-33. /lib/test_suites/data/input subdirectory

File Name	Format	Description
Cithrtab_loc	ASCII	Input for lo_c Testlo test program
da_file.dat	binary	Input for test_eof test program
io_infile	ASCII	Input for open_da test program
binary_file_loc.dat	binary	Input for lo_c Testlo test program
fseq_file.dat	ASCII	Input file for test_eof test program
useq_file.dat	binary	Input file for test_eof test program